



### **PATENT**

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# In re Application of:

Frank L. Hall

Serial No.: 10/791,190

Filed: March 2, 2004

**For:** APPARATUS FOR PREPARING BALL GRID ARRAY SUBSTRATES VIA

USE OF A LASER (as amended)

Confirmation No.: 1971

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718.3US

(00-0316.03/US)

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

February 28, 2007

Date

Leta M. Howard

Name (Type/Print)

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of any cited foreign patents, publications, or pending unpublished U.S. applications are enclosed pursuant to 37 C.F.R. § 1.98(a)(2). The listed documents were cited by the Office in co-pending application Serial No. 11,327,817, filed on January 6, 2006, and directed to a related invention.

## Serial No. 10/791,190

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S.	Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u>
US - 5,320,789	06/1994	Nishii et al.

## Foreign Patent Documents

Document No.	Publication Date	<u>Patentee</u>
JP63105042A	05/1998	Toyoda Gosei KK
JP411068004A	03/1999	Sony Corp.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application and therefore no additional fee is due.

Respectfully submitted,

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Date: February 28, 2007

JRD/sfc:lmh

Enclosures: Form PTO/SB/08A

Cited Non-U.S. Patent Documents

Document in ProLaw

PTO/SB/08A (10-01)

Approved for use through 10/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/791,190			
		Filing Date	March 2, 2004			
SIAI	ENTERT	) I A	ILICANI	First Named Inventor	Frank L. Hall	
				Group Art Unit	1725	
(use as many sheets as necessary)		Examiner Name	S. Heinrich			
Sheet	1	of	1	Attorney Docket Number	2269-4718.3US (00-0316.03/US)	

U.S. PATENT DOCUMENTS						
n	G:-	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant	
Examiner Cite Initials • No.		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
		US-5,320,789	06/1994	Nishii et al.		
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Examiner Cite		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	ppo. o. oo	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP63105042A	05/1998	Toyoda Gosei KK		X
		JP411068004A	03/1999	Sony Corp.		X
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Examiner Signature	Date Considered		

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.